



# **US Transportation Command**

## **Initiatives**

**28 April 2008**



# **Joint Task Force- Port Opening (JTF-PO)**



- **Joint Expeditionary Capabilities**
  - Pre TPFDD**
  - No Marine Corps Costs**
  - Modular, Scalable Force**
    - **Max size 163 personnel**
    - **Remains with their parent unit until notified by USTRANSCOM**
    - **Provides discharge capability for:**
      - 550 Twenty-foot equivalent units every 72 hours**
      - 250,000 square feet minus broken storage**
      - Move cargo to forward nodes up to 10 Km**



# **Joint Task Force- Port Opening (JTF-PO)**



- **Enables USTRANSCOM to Rapidly**
- **Establish and Operate.**
  - **A port of Debarkation and Distribution Node**
  - **Facilitating Port Throughput in support of Combatant Commander**
- **JTF-PO Aerial Port of Debarkation (APOD)**
  - **12 Hour Response Time**
  - **Consist of Elements from**
    - **AMC Contingency Response Group**
    - **Single 55 Person Surface Element**



# **Joint Task Force- Port Opening (JTF-PO)**



## **JTF-PO Sea Port of Debarkation (SPOD)**

**-12 Hour Response Time**

**-Capabilities Provided:**

- **Joint Trained and Lead element with habitual relationships**
- **Capability to quickly assess and open a distribution Node and Network**
- **Organic or Contract Transportation**
- **Joint Assessment Team to conduct focused port and Distribution Assessments**
- **Dedicated element to conduct**
  - Movement control Operations**
  - Cargo on ward movements**
- **Organic in-transit visibility**
  - Provides visibility of forces and cargo**
  - At both port and debarkation and forward distribution node**



# **Theater Enterprise Deployment and Distribution Effort**



- **Analytically identify needs**
- **Develop solutions for the theater to accomplish control functions including**
  - **Operational Planning**
  - **Optimization**
  - **Movement requirement identification**
  - **Movement performance assessment**



# **Transportation Tracking Numbers (TTN)**



**Current process infers that closure occurred**

- **TTN provides:**
  - **Status of force deployment in transportation pipeline**
  - **End-to-End synchronization of strategic and theater force movement**
  - **Ability to compare what actually moved against what was planned**
    - **Enables assessment of combat capability for employment**
  - **Multi-modal visibility of force movements on commercial lift assets**
  - **Actual closure visibility of each end item**



# Transportation Tracking Numbers



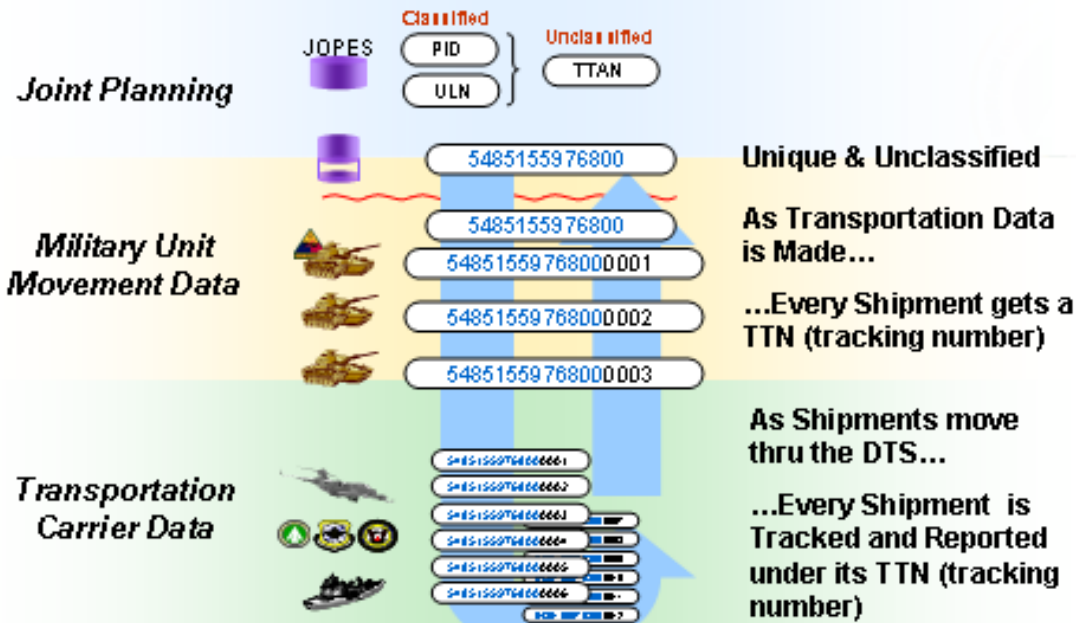
- JOPES and Defense Transportation System execution domain is significantly different



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## Transportation Tracking Number (TTN)

Holds Planning & Execution Data Together



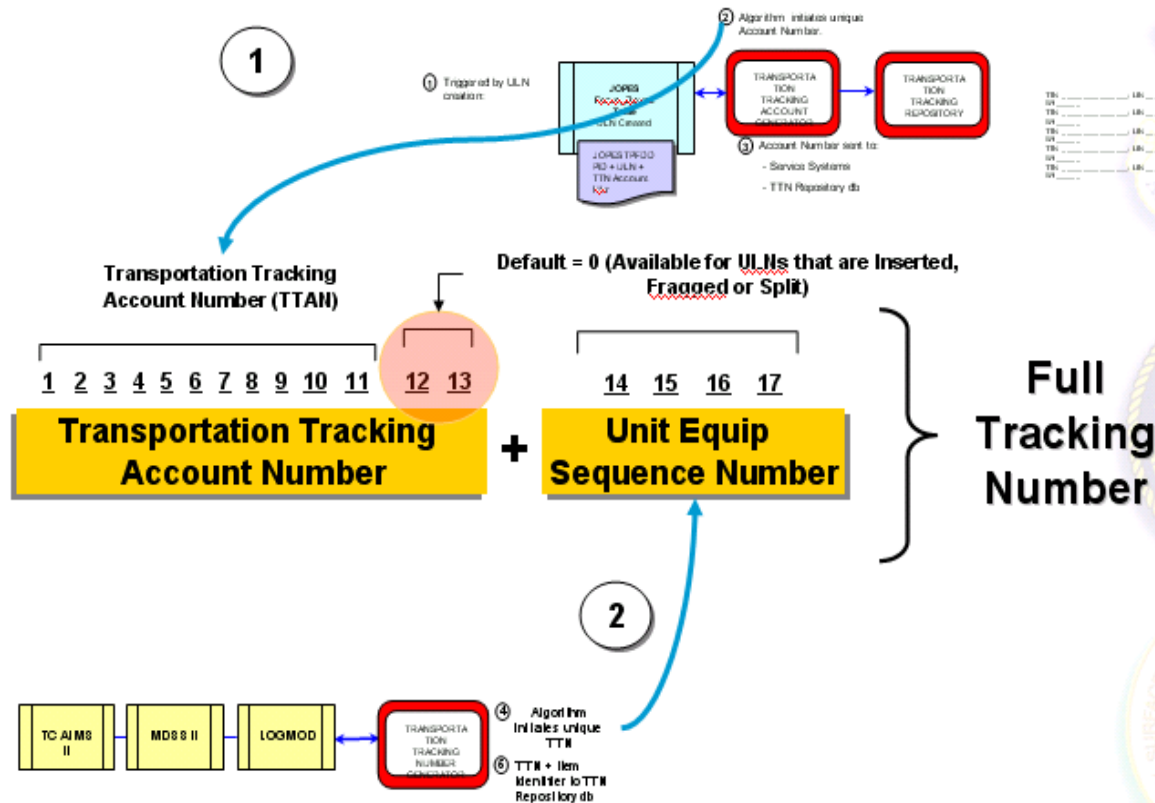
TTN is DoD's equivalent to the FEDEX tracking number



# TTN



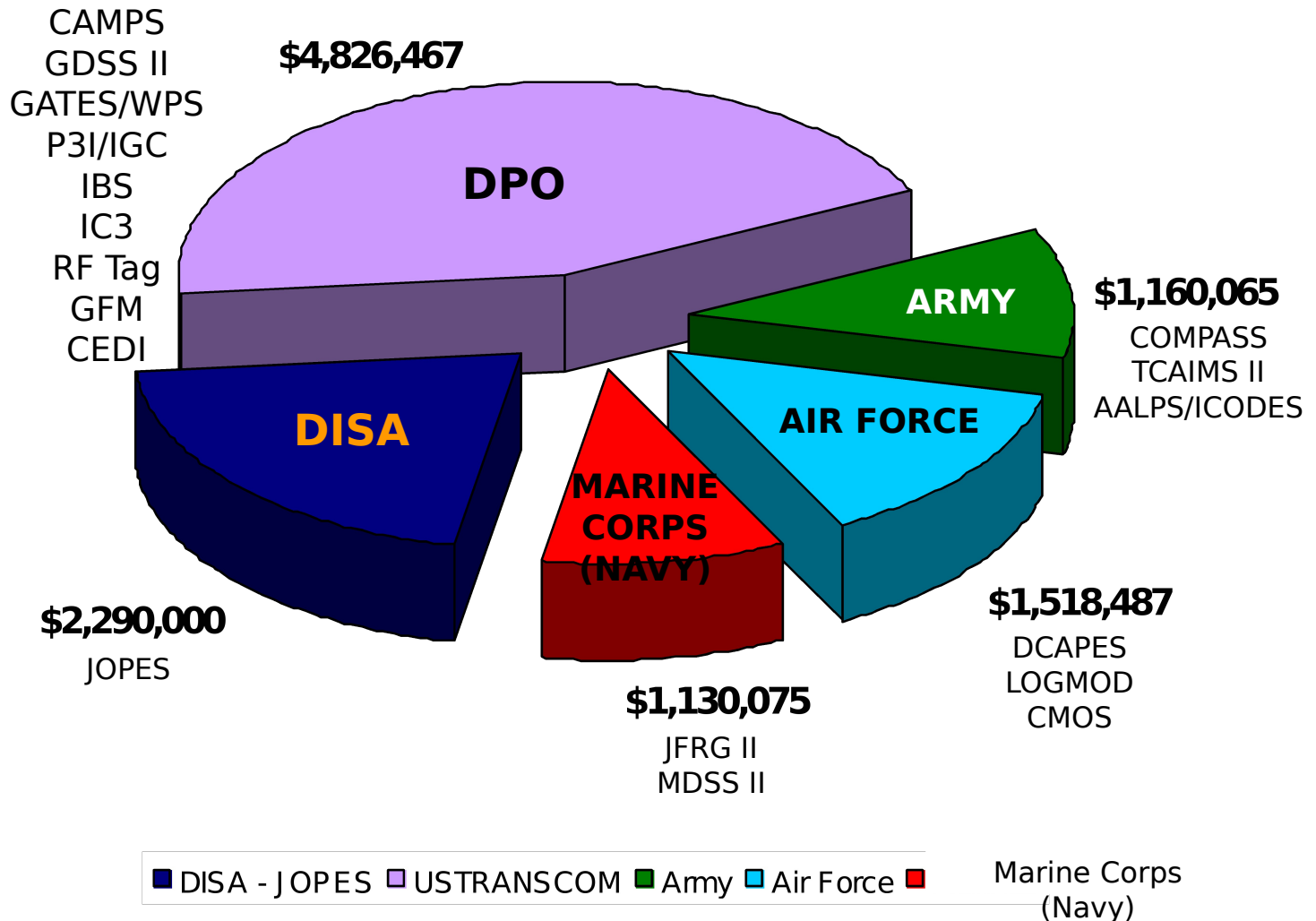
## Solution Building a TTN



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# TTN Implementation: Stakeholder FY09-10 Estimates





# Transportation Priority 4 (TP- 4) Movement CONOPS



- Maximize **unused airlift retrograde capacity** using TP-4 (Surface) rates
  - Low Priority Cargo (not part of redeployment)
- 60% availability on return channel missions from Iraq and Kuwait
- Class five and Class eight does not apply
- **Benefits**
  - Convoy mitigation for cargo flying TP4 out of Iraq
  - Critical equipment repaired faster/back to the fight
- **Balad** has ability to move Class-VII, five items of rolling stock and 40 pallets/week
  - Applies to SECREPS, sustainment cargo, some class VII
- **Kuwait** has ability to move Class IX/VII (pallets); 30 pallets/week
- LIMFAC exist for Balad (wash racks, Customs, Sterile



# **Global Supply Chain Management**



- **Formal Partnership between:**
  - **US TRANSCOM**
  - **Defense Logistic Agency**
  - **US Services Administration (GSA)**
- **Executive Steering Committee established**
  - **Made up of members from all three organizations**
  - **Oversees initiatives to ensure mutual shared expectations**



# Global Supply Chain Management



## •Goals

- Improve Operations, information sharing and integrated supply chain operations planning**
- Adopt shared processes to gain efficiencies**
- Determine information technology requirements**
- Develop shared customer relationship activities and initiatives**
- Share supply chain and distribution business intelligence and current event information**
- Collaborate across boundaries of the**



# Human Capital Development



- **Initiative designed to:**
  - **Develop its human capital**
  - **Build a cadre of trained and experienced joint logisticians**
  - **Improve the way the command does business from a global supply chain perspective**



# Human Capital Development



## **-U STRANSCOM developed a Joint Deployment Distribution Enterprise JDDE competency model**

- **Identifies the spectrum of core competencies and knowledge skill needed to accomplish DPO mission**
- **Can be used to identify requirements for entire JDDE**
- **Joint Staff J-4 reviewing model as potential template for entire log community**



# Human Capital Development



## **-USTRANSCOM developed a Distribution Academy**

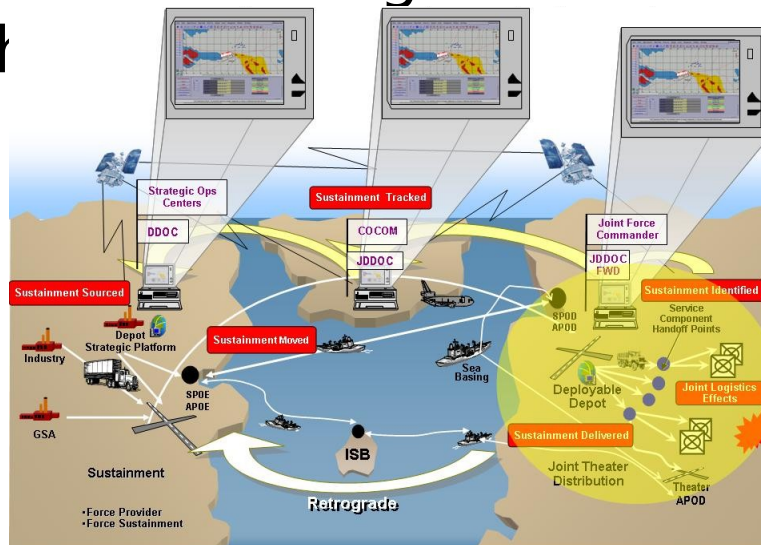
- **Ensure people understand Distribution Operations**
- **Two Phases**
  - Orientation course**
    - » **(DPO Overview)**
    - » **Commanders guidance**
    - » **Strategic Plan USTRANSCOM Concepts and Initiatives**
    - » **Staff Officer Training**
  - Supply Chain Management program**
    - » **Targets Command's JDDE Billets**
    - » **Intro into Supply Chain Management (provided by ICAF)**



# Node Management and Deployable Depot (NoMaDD) ACTD



- Develop a tool to provide nodal management and visibility across the Joint Deployment & Distribution Enterprise and a Deployable Distribution Center (DDC) to manage the physical flow of sustainment materiel in the theater
- Provide near real-time logistics decision support and enhance theater operations)







# Joint Enabled Theater Access - Sea Ports of Debarkation (JETA- SPOD) JCTD



- Develop and demonstrate a LMCS that will be transportable by and employable from intra-theater sealift vessels as well as a planning/decision support tool to assist warfighters' assessment and selection of austere SPOD options
- Increased operational flexibility (deployment/employment/sustainment) by extending reach into austere environments
- Transition FY10



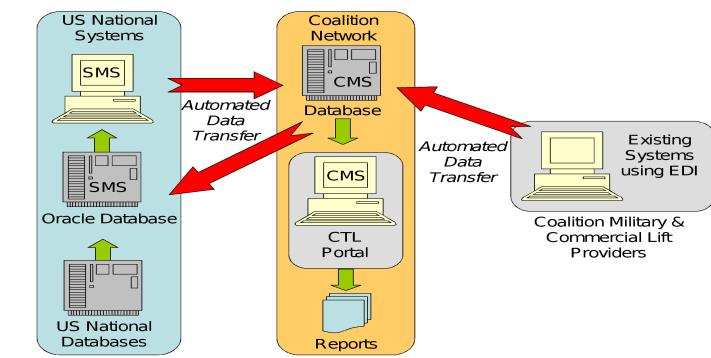


# Coalition Mobility System JCTD



- Provides the ability to collect and query operationally relevant information pertaining to force movement and sustainment supporting coalition operations
- Allows for visualization of coalition movements and improved lift efficiency

POR: Strategic Mobility System (SMS) –





# CONTRAIL



- Facilitate the carriage of military equipment for the United States Army and Marine Corps on conventional container ships

- Enables oversized unit equipment and 102-inch wide containers to be stored or moved aboard commercial containerships enhancing strategic sealift capabilities/capacity

- Originally a proof of concept/project completion

1QFY09/transition ad  
for Intermodal Equip



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# Lightweight Trauma Module



- Joint system to support the ongoing and seamless care of the ill or injured war fighter during all aspects of transport from Level II to Level IV and beyond
- Enhance DOD's ability to save lives/reduce long term effects from battle wounds/other injuries. POR: En Route Care System (ERCS)





# Shipboard Selective Access and Retrieval System (SSARS)



- Adapt commercially air skid and develop prototype system to move representative cargo and vehicles in an LMSR cargo hold equivalent environment in conditions up to sea state 5
- Enhanced ability to conduct at sea operations USMC developing transition strategy

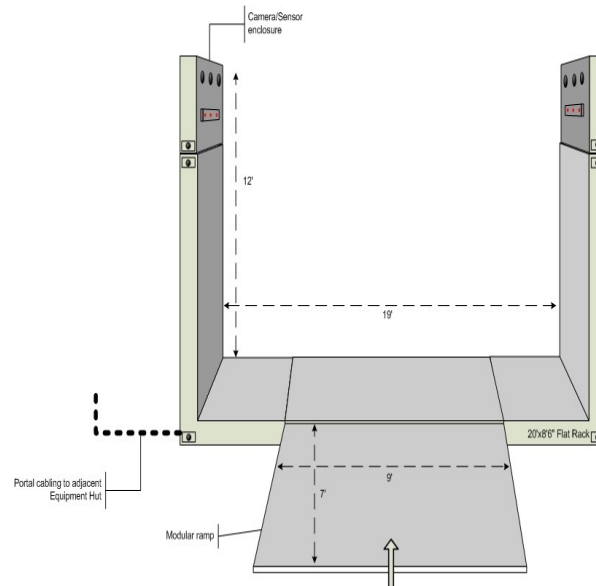




# Optical Character Recognition



- Automatic system that captures container ISO numbers without relying on additional tagging, human intervention, battery life, and ambiguous dynamic, non-static, associations of tag and container number within a database
- Increase positive control and management of shipping asset and supplies in the DTS resulting in cost savings from redundant/duplicate orders and shipments
- Proof of concept



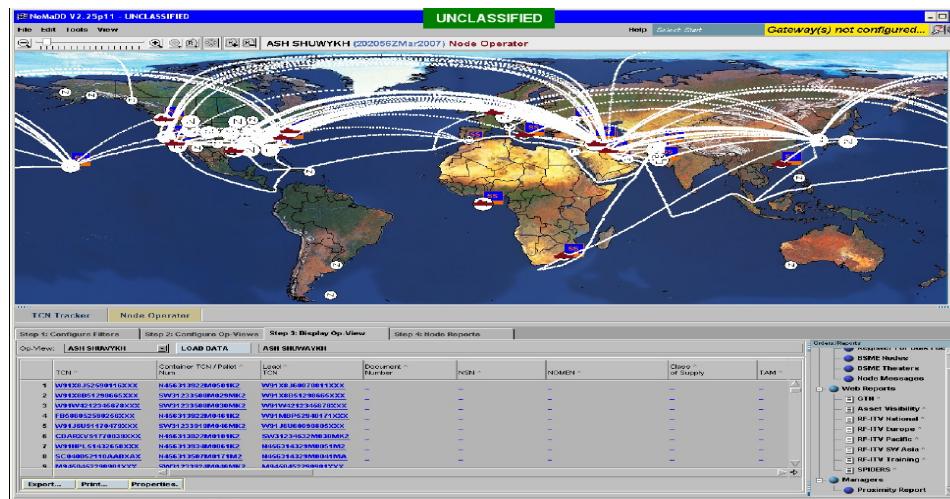




## Collaborative Operational Picture for Deployment and Distribution (COP D2):



- Provides timely and actionable information to enhance warfighters' level of confidence in joint distribution processes
- Actionable information to make D2 decisions at all levels
- Multi-year systems integration effort





# QUESTIONS?